IN THE ABSTRACT OF THE DISCLOSURE:

A glycopeptide Glycopeptide having at least one asparaginelinked oligosaccharide at a desired position of the peptide chain thereof, which is obtained by:

- (1) esterifying a hydroxyl group hydroxyl of a resin having the hydroxyl group and a carboxyl group carboxyl of an amino acid having amino group nitrogen protected with a fat-soluble protective group (AGFPG),
- (2) removing the fat-soluble protective group to form a free amino group,
- (3) amidating the free amino group and a carboxyl group carboxyl of an amino acid having amino group nitrogen protected with a fat-soluble protective group AGFPG,
- (4) removing the fat-soluble protective group to form a free amino group,
 - (5) repeating the steps (3) and (4) at least once,
- (6) amidating the free amino group and a carboxyl group carboxyl of the asparagine portion of an asparagine-linked oligosaccharide having amino group nitrogen protected with a fat-soluble protective group AGFPG,
- (7) removing the fat-soluble protective group to form a free amino group,

- (8) amidating the free amino group and a carboxyl group carboxyl of an amino acid having amino group nitrogen protected with a fat-soluble protective group AGFPG,
 - (9) repeating the steps steps (7) and (8) at least once,
- (10) removing the fat-soluble protective group to form a free amino group, and
- (11) cutting off the resin with an acid; glycopeptide obtained by transferring sialic acid or a derivative thereof to the above glycopeptide using a sialic acid transferase.